

32692  
Customer Number



Patent  
Case No.: 58962US002

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

First Named Inventor: BARAN, JIMMIE R. JR.  
Application No.: 10/722,177 Confirmation No.: 7020  
Filed: November 25, 2003  
Title: SOLUTION CONTAINING SURFACE-MODIFIED NANOPARTICLES

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop: RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

<b>CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR § 1.8(a)]</b>	
I hereby certify that this correspondence is being:	
<input checked="checked" type="checkbox"/>	deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
<input type="checkbox"/>	transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at 571-273-8300.
<b>JUN 30 2006</b> Date	 Signed by: Kathleen M. Murray

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449, citing references submitted for consideration by the Examiner. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

Copies of any cited foreign patents, foreign publications, and any pending U.S. applications filed before June 30, 2003, are enclosed. Copies of any pending U.S. applications filed after June 30, 2003 that can be accessed on the USPTO's IFW system are not enclosed as per USPTO Waiver dated September 21, 2004. Copies of any U.S. patents and published U.S. patent applications are not enclosed.

In addition, copies of the non-patent literature documents listed as C1-C6 on the enclosed Form PTO-1449 are not enclosed as copies of these documents were previously provided to the Patent Office with the Form PTO-1449 submitted on April 4, 2005. These non-patent literature documents are being re-cited on the present Form PTO-1449 solely to provide the Patent Office with the month and year of publication, as requested.

A Request for Continued Examination under 37 CFR § 1.114 is being filed concurrently, thus it is believed that no fee is due for this Information Disclosure Statement.

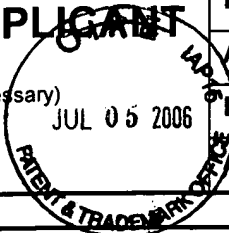
Respectfully submitted,

Date June 30, 2006

By: Thomas M. Spielbauer  
Thomas M. Spielbauer, Reg. No.: 58,492  
Telephone No.: 651-736-9814

Office of Intellectual Property Counsel  
3M Innovative Properties Company  
Facsimile No.: 651-736-3833

Substitute for form 1449A/PTO (modified)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)  Page 1 of 1	Application Number	10/722,177
	Filing Date	November 25, 2003
	First Named Inventor	Baran, Jimmie R. Jr.
	Art Unit	1714
	Examiner Name	Sanders, K. A.
	Attorney Case Number	58962US002



U.S. Patent Documents					
Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
	A1	US- 5,874,503	02-23-1999	Scheibelhoffer et al.	
	A2	US- 6,268,464 B1	07-31-2001	Keinanen et al.	
	A3	US- 6,572,693 B1	06-03-2003	Wu et al.	
	A4	US- 6,467,897	10-22-2002	Wu et al.	
	A5	US- 2002/0156152 A1	10-24-2002	Zhang et al.	
	A6	US- 2003/0117476 A1	06-26-2003	Cross et al.	
	A7	US- 2003/0162874 A1	08-28-2003	Redford et al.	
	A8	US- 2005/0151119 A1	07-14-2005	Jones et al.	

Foreign Patent Documents						
Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Ctry. Code	Number-KindCode (if known)			
	B1	DE	197 25 984 C2	12-24-1998		X
	B2	EP	0 483 818 A2	05-06-1992		
	B3	WO	01/74953 A1	10-11-2001		

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS		
Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C1	Haw et al., "Effects of Phase Behavior on the Drying of Colloidal Suspensions", Langmuir 2002, 18, January 26, 2002, pp. 1626-1633
	C2	Mackay et al., "Influence of Dendrimer Additives on the Dewetting of Thin Polystyrene Films", Langmuir 2002, 18, February 1, 2002, pp. 1877-1882
	C3	Barnes et al., "Influence of nanoparticles and polymer branching on the dewetting of polymer films", Elsevier, Advances in Colloid and Interface Science 94 (2001), November 15, 2001, pp. 83-104
	C4	Barnes et al., "Suppression of Dewetting in Nanoparticle-Filled Polymer Films", Macromolecules 2000, 33, May 3, 2000, pp. 4177-4177
	C5	Shmuylovich et al., "Surface Morphology of Drying Latex Films: Multiple Ring Formation", Langmuir 2002, 18, April 6, 2002, pp. 3441-3445
	C6	Qu et al., "Surfactant Self-Assemblies Controlling Spontaneous Dewetting", Langmuir 2002, 18, February 8, 2002, pp. 1649-1654

*Examiner:	Date Considered:
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	